

Amendments to the Claims

This listing of claims replaces all previous listings of claims.

CLAIMS:

481  
1. (Currently Amended) Computer system[[ (999),]] comprising[,] at least a first application system [[[901)]] and a second application system [[[902)]] and a database system[[ (900)]], each application system running at least one application service for at least one application system user; said computer system [[[999)]] characterized in that:

the database system has at least a first memory portion [[[920-1)]] and a second memory portion[[ (920-2)]], wherein the memory portions are disjunctive;

the database system [[[900)]] stores at least a first assignment of a first predetermined profile [[[110)]] to the first memory portion [[[920-1)]] and at least a second assignment of a second predetermined profile [[[111)]] to the second memory portion[[ (920-2)]], wherein the first and second profiles [[[110, 111)]] are unique and refer to the first and second application systems[[ (901, 902)]], respectively;

the first application system [[[901)]] and the second application system [[[902)]] access the first memory portion [[[920-1)]] and the second memory portion[[ (920-2)]], respectively, through the corresponding profiles[[ (110, 111)]].

2. (Currently Amended) The computer system [[[999)]] of claim 1, wherein the memory portions [[[920-1, 920-2)]] store tables [[[190-193)]] of the database system[[ (900)]].

3. (Currently Amended) The computer system [[[999)]] of claim 1, wherein the database system [[[900)]] is a parallel server system.

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4. (Currently Amended) The computer system [[[999]]] of claim 1, wherein the database system [[(900)]] is a relational database system.

5. (Currently Amended) The computer system [[[999]]] of claim 1, wherein the database system [[(900)]] uses shared memory processors.

6. (Currently Amended) The computer system [[[999]]] of claim 5, wherein the database system [[(900)]] uses an operating system that creates multiple logical groups of processors.

7. (Currently Amended) The computer system [[[999]]] of claim 6, wherein each group of processors is assigned to one application system.

8. (Currently Amended) A method [[[400)]] for communication with a database system[[ (900)]],

the method [[[400)]] comprising the steps:

providing [[[410)]] at least a first application system [[(901)]] and a second application system[[ (902)]]], wherein each application system runs at least one application service for a plurality of users [[[801, 802)]] of the application system[[ (901, 902)]]];

connecting [[[420)]] the database system [[[900)]] with at least the first application system [[(901)]] and the second application system[[ (902)]]];

dividing [[[430)]] a memory [[(920)]] of the data base system [[(900)]] into at least a first memory portion [[(920-1)]] and a second memory portion[[ (920-2)]]], both portions being disjunctive;

assigning [[[440)]] first and second memory portions [[[920-1, 920-2)]] to first and second application systems[[ (901, 902)]]], respectively; and

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accessing [[[450)]] first and second memory portions [[[920-1, 920-2)]] by the first and second application systems, respectively[[ (901, 902)]]].

9. (Currently Amended) The method of claim 8, wherein in the dividing step[[ (430)]]], the memory portions [[[920-1, 920-2)]] store tables [[[190-193)]]] of the database system[[ (900)]]].

10. (Currently Amended) The method of claim 8, wherein in the assigning step, at least one predefined, unique profile of the database is assigned to each memory portion[[ (920-1, 920-2)]]].

11. (Currently Amended) The method of claim 10, wherein in the assigning step, each predefined profile [[[920-1, 920-2)]]] is assigned to one of the application systems[[ (901, 902)]]].

12. (Currently Amended) The method of claim 11, wherein in the accessing step, each application system [[[901, 902)]]] accesses the database system [[[900)]]] through at least one of the predefined profiles that are assigned to the application system[[ (901, 902)]]].

13. (Currently Amended) The method of claim 8, wherein in the accessing step, accessing is selected from the group of read, write, copy, modify, insert, append and delete.

14. (Currently Amended) [[Application]] An application system to database system assignment ~~scheme (180-182), used in a system landscape (900, 901, 902, 990) in that a first application system (901) provides~~ method comprising:

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providing business application services to a first plurality of application users  
[[ (801) ]] by a first application system; ~~at least a second application system (902)~~  
provides

providing business application services to a second plurality of application users  
[[ (802) ]] by at least a second application system;

providing a database system connected to the first and second application  
systems;

~~the assignment scheme being characterized by a first assignment (180) of a~~  
assigning the database system [[ (900) that provides database services]] to a first profile  
[[ (110) ]] and at least a second profile [[ (111) ]]; and

~~by further assignments (181, 182) wherein~~ assigning the first application system  
[[ (901) is assigned]] to the first profile [[ (110) ],] and the second application system  
[[ (902) is assigned]] to the second profile [[ (111) ]].


15. (Currently Amended) The assignment [[scheme]] method of claim 14,  
[[wherein]] further comprising:

assigning the first and second profiles [[are assigned (180)]] to disjunctive  
memory portions [[ (920-1, 920-2) ]] in a memory [[ (920) ]] of the database system [[  
(900) ]].

16. (Currently Amended) A computer program product [[ (100/101/102) ]]  
causing a plurality of processors [[ (910, 911, 912) ]] to provide an application system to  
database system assignment scheme [[ (180-182) ]], the computer program product  
[[ (100/101/102) ]] characterized in that

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 a first program portion [(100)] causes a processor [(910)] of a database system [(900)] to disjunctively partition a memory [(920)] of the database system [(900)] into a first memory portion [(920-1)] and at least a second memory portion [(920-2)] and to provide a first database profile [(110)] and at least a second database profile [(111)], where the first and second profiles [(110, 111)] are assigned to the first and second memory portions [(920-1, 920-2)], respectively;

a second program portion [(101)] causes a processor [(911)] of a first application system [(901)] to provide at least a first business application service to a first plurality of application users and to use at least the first database profile [(110)] to communicate data from the first application system [(901)] to the database system [(900)]; and

at least a third program portion [(102)] causes a processor [(912)] of at least a second application system [(902)] to provide at least a second business application service to a second plurality of application users and to use at least the second database profile [(111)] to communicate data from the second application system [(902)] to the database system [(900)].

17. (Currently Amended) Computer program product [(101/102)] causing a processor [(911/912)] in a computer of an application system [(901/902)] that executes at least one business application service to communicate with a database computer [(900)], the computer program product [(101/102)] characterized in that it causes the processor [(911/912)] to communicate with the database computer by using a unique profile [(110/111)] that is assigned [(180-183)] to the application system, the database computer [(900)] having a memory [(920)] logically partitioned

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into a first portion [(920-1)] and at least a second portion [(920-2)], the portions being disjunctive, so that the first portion [(920-1)] is reserved for data of the application system [(901)] and the second portion is reserved for data of at least one further application system [(902)] that is run by a further computer.

18. (Currently Amended) A computer-readable medium having a plurality of sequences of instructions stored thereon which, when executed by one or more processors, perform the steps of:

causing a processor [(910)] of a database system [(900)] to disjunctively partition a memory [(920)] of the database system [(900)] into a first memory portion [(920-1)] and at least a second memory portion [(920-2)] and to provide a first database profile [(110)] and at least a second database profile [(111)], where the first and second profiles [(110, 111)] are assigned to the first and second memory portions [(920-1, 920-2)], respectively;

causing a processor [(911)] of a first application system [(901)] to provide at least a first business application service to a first plurality of application users and to use at least the first database profile [(110)] to communicate data from the first application system [(901)] to the database system [(900)]; and

causing a processor [(912)] of at least a second application system [(902)] to provide at least a second business application service to a second plurality of application users and to use at least the second database profile [(111)] to communicate data from the second application system [(902)] to the database system [(900)].

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